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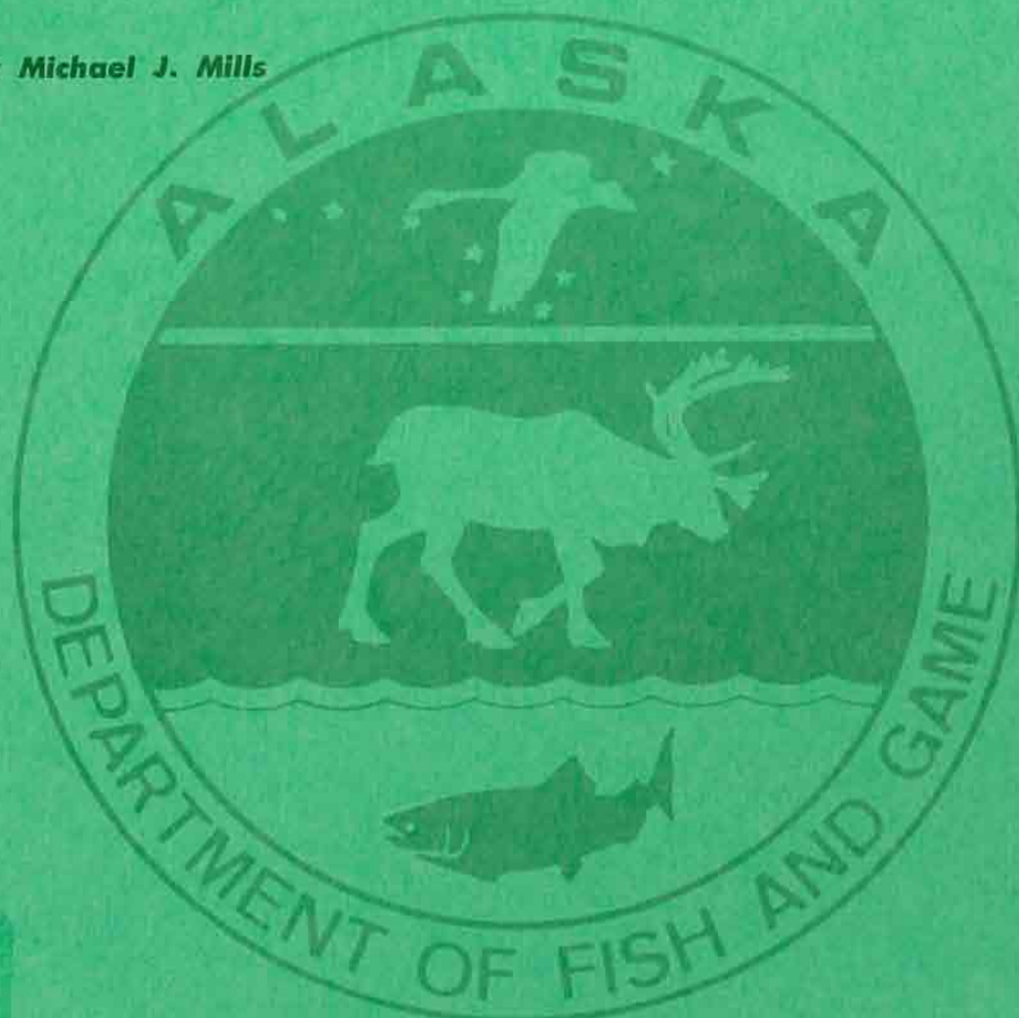
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STATEWIDE HARVEST STUDY

By *Michael J. Mills*



ALASKA DEPARTMENT OF FISH AND GAME

Ronald O. Skoog, Commissioner

Sport Fish Division

Juneau, Alaska

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Volume 21

Study SW-1-A

STATE OF ALASKA

Jay S. Hammond, Governor

Annual Performance Report for

ALASKA STATEWIDE SPORT
FISH HARVEST STUDIES

by

Michael J. Mills

ALASKA DEPARTMENT OF FISH AND GAME
Ronald O. Skoog, Commissioner

Sport Fish Division
Rupert E. Andrews, Director

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Alaska Resources
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Anchorage Alaska

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RESEARCH PROJECT SEGMENT

State: ALASKA Name: Sport Fish Investigations
of Alaska

Project No.: F-9-12

Study No.: SW-I Study Title: STATEWIDE SPORT FISH STUDIES

Job No.: SW-I-A Job Title: Alaska Statewide Sport Fish
Harvest Studies

Period Covered: September 1, 1979 to August 31, 1980

ABSTRACT

This report presents 1978 findings from an annual survey providing state-wide estimates of Alaska sport fishing effort and harvests by fisheries, areas, regions and species. The survey indicated that 206,185 anglers fished 1,285,063 days to harvest 2,358,603 fish in 1978. The methodology of the survey, based primarily on mailing questionnaires to a sample of licensees, again proved effectual.

BACKGROUND

Meeting public demand for recreational fishing opportunities in Alaska while at the same time maintaining and protecting the fishery resources has become increasingly complex. In the early years of statehood--before rapid population expansion and industrial development--good, uncrowded sport fishing was accessible; large sport fisheries were few and easily monitored; and sport fishing was considered to be a minor factor in management of commercially exploited species.

Today, along with increasing tourism and forest, mineral, petroleum, and associated government development has come a mushrooming recreationally oriented population. Accessible sport fisheries have become crowded, new fisheries have developed, and pressure from a large mobile population is spilling ever farther afield. Native land claims, federally imposed national monuments, impending (d)(2) national interest land legislation, an extended coastal zone, and the issue of subsistence have clouded questions of access, user priorities, and management jurisdiction. The State and private corporations have made substantial commitments to aquaculture and hatchery propagation. Also, recreational fishing has now become a significant factor in total management of commercially exploited species, especially in Cook Inlet where vociferous sport-commercial user conflicts over chinook and coho salmon have developed.

Against this backdrop, the need has become evident for a statewide data base providing information on where sport fishing occurs, the extent of participation, the preferences of participants, and the species and numbers of major game fishes being harvested. Such a data base is fundamental not only for regulation and management of Alaska's sport fisheries but also for total regulation, management, and allocation of multiple-use fisheries. In addition, this information is needed in establishing priorities, formulating policies, planning, and evaluating rehabilitation, enhancement, hatchery, stocking, habitat protection, and access acquisition projects--to say nothing of its use for stock assessment, forecasting, gauging the economic and social significance of sport fishing, and satisfying requests for information from individuals, special interest groups, government agencies, and the recreational industry.

Because of Alaska's vastness, meeting all these data requirements statewide by on-site creel censuses would be prohibitively costly, thus an economical supplementary program has become necessary. Described herein are results from the second year of that program.

Species covered are listed in Table 2, Appendix A. Alaska sport fishing regulatory and management areas are delineated on the map in Figure 1, Appendix A.

RECOMMENDATIONS

1. Refine and continue to evaluate the methodology developed to estimate statewide sport fish effort and harvests.
2. Continue to provide statewide estimates of effort and harvest for major Alaskan sport-caught species by area and fishery.

OBJECTIVE

To provide statewide estimates of effort and harvest for major Alaskan sport-caught species by area and fishery.

TECHNIQUES USED

The Alaska statewide sport fish harvest program combines postal surveys and creel censuses to obtain estimates of effort and harvest by fishery and by species. The postal surveys consist of repeated mailings of questionnaires to random samples of Alaska sport fishing license holders. Creel censuses consist of on-site interviews of random samples of sport fishermen. The postal surveys provide estimates for all fisheries, while creel censuses of major selected fisheries provide validity correction and check.

The 1978 harvest consisted of a mailing of 9,639 questionnaires, followed by two reminders to nonrespondents. Otherwise, techniques used were the same as described by Mills (1979).

FINDINGS

Results

The Alaska sport fish harvest survey indicated that 206,185 anglers fished 1,285,063 days to harvest 2,358,603 fish in 1978. This represents an increase of 3% in anglers, 7% in days, and 3% in fish over 1977, in which 201,058 anglers fished 1,197,590 days to harvest 2,300,327 fish.

Of the 206,185 anglers who fished in 1978, 155,908 (76%) were Alaska residents while 50,277 (24%) were nonresidents. This compares to 150,975 (75%) residents and 50,083 (25%) nonresidents in 1977.

Of the 1,285,063 angler-days fished in 1978, 913,417 (71%) were expended in the Southcentral region of Alaska, 226,154 (18%) were expended in the Southeast region, and 145,492 (11%) were expended in the Arctic-Yukon-Kuskokwim region. The Cook Inlet area had 752,966 angler-days or 59% of the State total sport fishing effort. The Kenai Peninsula had 521,498 angler-days or 41% of the State total. The Kenai River alone had 164,264 angler-days, 13% of the State total. An estimated 396,030 days, 31% of all sport fishing was in saltwater; 889,033, 69% of all sport fishing, was in freshwater. Comparative figures for 1977 are 1,197,590 total angler-days; 827,455 (69%) in the Southcentral region, 246,974 (21%) in the Southeast region, 123,161 (10%) in the Arctic-Yukon-Kuskokwim region, 648,560 (54%) in the Cook Inlet area, 422,958 (35%) on the Kenai Peninsula, 122,138 (10%) on the Kenai River, 816,701 (68%) in freshwater, and 380,899 (32%) in saltwater.

The 2,358,603 fish harvested in 1978 included 981,111 (42%) razor clams and 185,516 (8%) smelt. Of the remaining 1,191,976 harvested fish 525,363 (44%) were sea-run salmon; 143,099 (12%) were Arctic grayling; 141,564 (12%) were Dolly Varden and Arctic char; and 117,231 (10%) were rainbow trout. Also harvested were 50,915 landlocked salmon, 46,247 rockfish, 37,085 halibut, 24,145 cutthroat trout, 12,520 northern pike, 12,010 lake trout, 11,713 whitefish, 9,988 burbot, 4,338 steelhead, 1,691 brook trout, and 1,291 sheefish.

The 1978 total sea-run salmon harvest of 525,363 was up 38% over 1977, when 381,051 salmon were harvested. This increase was due primarily to even-year predominance of Cook Inlet pink salmon, greater Susitna River drainage coho and chum runs, strong sockeye runs to the Kenai River system, and higher coho catches in southeast Alaska. Chinook salmon harvests remained steady.

Total 1978 sea-run salmon harvests included 44,149 chinooks, 131,945 cohos, 124,274 sockeyes, 194,817 pinks, and 30,178 chums. The marine harvest total of 185,157 included 22,651 chinooks, 71,416 cohos, 12,832 sockeyes, 73,379 pinks, and 4,879 chums. Freshwater totals included 21,498 chinooks,

60,529 cohos, 111,442 sockeyes, 121,438 pinks and 25,299 chums. Regionally, 118,474 salmon were harvested in southeast Alaska, 393,942 in South-central, and 12,947 in the Arctic-Yukon-Kuskokwim.

Harvest and effort by region, area, fishery, and species are tabulated in Appendix A.

Discussion

Over the past two years the statewide sport fish harvest program has proved effectual in economically meeting management needs for reliable estimates of effort for and harvests of Alaska's game fishes. The program has been well received by the angling public: overall response to initial delivery was 76% in 1977 and 69% in 1978 (Table 3). In addition, results have been consistent with creel censuses (Table 49); and sport fish biologists report that harvest program estimates for areas not creel censused are in accordance with their own knowledge and observations.

Thus, in the interest of economic efficiency, the statewide harvest program has begun to replace on-site creel censuses in those cases where creel censuses are not required for protective in-season management or ensuring compliance with regulatory and management policies, quotas and guidelines. It is planned that a survey much like this year's will be undertaken in 1979.

LITERATURE CITED

Mills, M.J. 1979. Alaska Statewide Sport Fish Harvest Studies. Alaska Dept. of Fish and Game. Federal Aid in Fish Restoration, Annual Report of Progress, 1978-1979, Project F-9-11, 20 (SW-I-A). 122 pp.

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APPENDIX A
FIGURES AND TABLES

ALASKA SPORT FISHING AREAS



Table 1. List of Alaska Sport Fishing Regions, Regulatory Areas, and Subareas.

Regions

- I Southeast Alaska
- II Southcentral Alaska
- III Arctic-Yukon-Kuskokwim

Regulatory Areas

- 1. Southeast Alaska
- 2. Upper Copper-Susitna Rivers
- 3. Prince William Sound
- 4. Kenai Peninsula
- 5. Cook Inlet and Lower Susitna River Drainage
- 6. Kodiak
- 7. Alaska Peninsula-Bristol Bay-Aleutian Islands
- 8. Arctic-Yukon-Kuskokwim

Subareas

- A, B, C, D, E, F, G, H (Region I, Regulatory Area 1)
 - I (Region II, Regulatory Area 2)
 - J (Region II, Regulatory Area 3)
 - P (Region II, Regulatory Area 4)
 - K, L, M, N (Region II, Regulatory Area 5)
 - Q (Region II, Regulatory Area 6)
 - R, S, T (Region II, Regulatory Area 7)
 - U, V, W, X, Y, Z (Region III, Regulatory Area 8)
-

Table 2. List of Common Names, Scientific Names and Abbreviations.

Common Name	Scientific Name and Author	Abbreviation
Chinook salmon	<i>Oncorhynchus tshawytscha</i> (Walbaum)	KS
Coho salmon	<i>Oncorhynchus kisutch</i> (Walbaum)	SS
Landlocked coho salmon	<i>Oncorhynchus kisutch</i> (Walbaum)	LL
Sockeye salmon	<i>Oncorhynchus nerka</i> (Walbaum)	RS
Kokanee salmon	<i>Oncorhynchus nerka</i> (Walbaum)	KO
Pink salmon	<i>Oncorhynchus gorbuscha</i> (Walbaum)	PS
Chum salmon	<i>Oncorhynchus keta</i> (Walbaum)	CS
Steelhead	<i>Salmo gairdneri</i> Richardson	SH
Rainbow trout	<i>Salmo gairdneri</i> Richardson	RT
Cutthroat trout	<i>Salmo clarki</i> Richardson	CT
Brook trout	<i>Salvelinus fontinalis</i> (Mitchell)	BT
Lake trout	<i>Salvelinus namaycush</i> (Walbaum)	LT
Dolly Varden	<i>Salvelinus malma</i> (Walbaum)	DV
Arctic char	<i>Salvelinus alpinus</i> (Linnaeus)	AC
Arctic grayling	<i>Thymallus arcticus</i> (Pallas)	GR
Northern pike	<i>Esox lucius</i> Linnaeus	NP
Whitefish	<i>Coregonus</i> sp.	WF
Burbot	<i>Lota lota</i> (Linnaeus)	BB
Inconnu (Sheefish)	<i>Stenodus leucichthys</i> (Guldenstadt)	SF
Halibut	<i>Hypoglossus stenolepis</i> Schmidt	H
Rockfish	<i>Sebastes</i> sp.	RF
Smelt	<i>Osmeridae</i> sp.	SM
Capelin	<i>Mallotus villosus</i>	SM

Table 3. 1978 Alaska Sport Fish Harvest Survey Summary of Mailings and Responses.

	Mailing 1	Mailing 2	Mailing 3	Total
Date of Mailing	10/25/78	11/28/78	1/11/79	
Number Mailed	9,639	6,405	3,807	19,851
Number Nondeliverable	1,638	593	190	2,421
Percent Nondeliverable	17.0	9.3	5.0	12.2
Number Delivered	8,001	5,812	3,617	17,430
Percent Delivered	83.0	90.7	95.0	87.8
Responses				
Number	2,798	1,701	1,010	5,509
Percent of Mailed	29.0	26.6	26.5	
Percent of Delivered	35.0	29.3	27.9	
Percent of 1st Delivery	35.0	21.3	12.6	68.9
Cumulative Responses				
Number	2,798	4,499	5,509	
Percent of 1st Delivery	35.0	56.2	68.9	

Table 4. Number of Anglers Who Sport Fished in Alaska in 1977 and 1978 by Area of Residence.

	Number of Anglers 1977	Number of Anglers 1978
Alaska		
Southeast	20,387	21,799
Upper Copper- Susitna Rivers	1,885	1,377
Prince William Sound	2,802	2,788
Kenai Peninsula	14,690	13,939
West Cook Inlet-Lower Susitna Drainage	85,062	85,844
Kodiak	2,955	3,182
Bristol Bay	933	1,113
Arctic-Yukon-Kuskokwim	22,261	25,866
Total	150,975	155,908
Other Than Alaska		
Other United States	38,717	41,604
Foreign	11,366	8,673
Total	50,083	50,277
Total	201,058*	206,185**

*Including 146,161 (72.7%) licensed anglers and 54,897 (27.3%) anglers less than 16 years of age.

**Including 152,949 (74.2%) licensed anglers and 53,238 (25.8%) anglers less than 16 years of age.

Table 5. Number of Angler-Days Fished in Alaska and Percentage by Region and Area, 1977 and 1978.

Area Fished	1977		1978	
	Angler-Days	Percent	Angler-Days	Percent
Southeast				
Ketchikan	55,740	4.7	42,972	3.3
Prince of Wales Island	12,043	1.0	16,478	1.3
Petersburg-Wrangell	27,212	2.3	25,741	2.0
Sitka	37,744	3.2	32,941	2.6
Juneau	92,379	7.7	81,830	6.4
Haines-Skagway	11,602	1.0	17,901	1.4
Glacier Bay	4,375	0.4	1,658	0.1
Yakutat	5,879	0.5	6,633	0.5
Total	246,974	20.6	226,154	17.6
Southcentral				
Glenallen	51,485	4.3	44,566	3.5
Prince William Sound	48,369	4.0	35,046	2.7
Knik Arm Drainage	81,949	6.8	75,540	5.9
Anchorage	55,060	4.6	31,147	2.4
East Susitna Drainage	56,651	4.7	86,010	6.7
West Cook Inlet-	31,946	2.7	38,771	3.0
West Susitna Drainage				
Kenai Peninsula	422,954	35.3	521,498	40.6
Kodiak	41,563	3.5	44,502	3.5
Naknek River Drainage-	17,007	1.4	18,824	1.5
Alaska Peninsula				
Kvichak River Drainage	12,227	1.0	8,854	0.7
Nushagak	8,244	0.7	8,659	0.7
Total	827,455	69.1	913,417	71.1
Arctic-Yukon-Kuskokwim				
Tanana River Drainage	99,919	8.3	119,364	9.3
Interior Alaska	7,337	0.6	8,616	0.7
Seward Peninsula-	7,828	0.7	8,379	0.7
Norton Sound				
Northwest Alaska	3,487	0.3	4,997	0.4
South Slope Brooks Range	2,156	0.2	2,714	0.2
North Slope Brooks Range	2,434	0.2	1,422	0.1
Total	123,161	10.3	145,492	11.3
Alaska Total	1,197,590	100.0	1,285,063	100.0

Table 6. Alaska Sport Fish Harvests by Region and Species, 1977 and 1978.

	Southeast		Southcentral		Arctic-Yukon Kuskokwim		Total	
	1977	1978	1977	1978	1977	1978	1977	1978
Chinook	17,449	16,639	25,112	26,415	499	1,095	43,060	44,149
Sea-run coho salmon	36,152	48,508	67,866	81,990	973	1,447	104,991	131,945
Land-locked coho salmon	0	0	31,152	26,583	7,151	22,412	38,303	48,995
Sockeye salmon	5,803	5,890	97,629	118,299	69	85	103,501	124,274
Kokanee salmon	574	218	2,068	1,702	0	0	2,642	1,920
Pink salmon	34,031	43,006	85,543	143,483	2,524	8,328	122,098	194,817
Chum salmon	1,111	4,431	5,044	23,755	1,246	1,992	7,401	30,178
Steelhead	1,750	1,618	1,949	2,720	0	0	3,699	4,338
Rainbow trout	7,741	6,220	80,354	104,243	6,215	6,768	94,310	117,231
Cutthroat trout	23,377	23,188	1,912	957	0	0	25,289	24,145
Brook trout	759	1,691	0	0	0	0	759	1,691
Lake trout	0	0	15,200	10,910	2,269	1,100	17,469	12,010
Dolly Varden/ Arctic char	34,734	34,919	79,405	102,107	4,908	4,538	119,047	141,564
Arctic grayling	775	669	45,748	47,866	67,168	94,564	113,691	143,099

Table 6. Cont. Alaska Sport Fish Harvests by Region and Species, 1977 and 1978.

	Southeast		Southcentral		Arctic-Yukon Kuskokwim		Total	
	1977	1978	1977	1978	1977	1978	1977	1978
Northern Pike	0	0	321	767	11,661	11,753	11,982	12,520
Whitefish	0	0	2,594	4,231	4,154	7,482	6,748	11,713
Burbot	0	0	6,652	8,099	1,773	1,889	8,425	9,988
Sheefish	0	0	0	0	1,247	1,291	1,247	1,291
Halibut	5,832	6,131	17,412	30,954	0	0	23,244	37,085
Rockfish	8,962	16,886	22,092	29,361	0	0	31,054	46,247
Smelt	55,034	8,815	335,657	176,701	0	0	390,691	185,516
Razor Clams	10,309	9,576	951,386	971,535	0	0	961,695	981,111
Other fish	11,456	7,259	54,311	44,224	3,214	1,293	68,981	52,776
Total	255,849	235,664	1,929,407	1,956,902	115,071	166,037	2,300,327	2,358,603

Table 7. Alaska Sport Sea-Run Salmon Harvests by Region, Area, and Species, 1978.

Area Fished	Chinook	Coho	Sockeye	Pink	Chum	Total
Southeast						
Ketchikan	3,845	7,667	521	11,718	567	24,318
Prince of Wales Island	1,817	2,677	296	3,993	312	9,095
Petersburg-Wrangell	2,109	5,493	564	1,858	488	10,512
Sitka	1,841	2,364	324	10,312	254	15,095
Juneau	5,686	24,348	2,268	10,898	703	43,903
Haines-Skagway	769	1,898	1,170	3,035	1,990	8,862
Glacier Bay	315	880	169	341	117	1,822
Yakutat	257	3,181	578	851	0	4,867
Total	16,639	48,508	5,890	43,006	4,431	118,474
Southcentral						
Glenallen	641	126	1,606	0	0	2,373
Prince William Sound	93	9,125	4,575	16,300	2,985	33,078
Knik Arm Drainage	140	7,895	1,239	1,842	1,132	12,248
Anchorage	0	792	14	1,176	20	2,002
East Susitna Drainage	886	8,573	267	50,711	14,203	74,640
West Cook Inlet-	2,517	10,560	1,634	6,255	2,635	23,601
West Susitna Drainage						
Kenai Peninsula	17,856	37,410	102,308	45,462	429	203,465
Kodiak	350	4,927	1,776	17,739	1,287	26,079
Naknek River Drainage-	2,849	1,877	894	2,791	693	9,104
Alaska Peninsula						
Kvichak River Drainage	222	76	3,057	31	156	3,542
Nushagak	861	629	929	1,176	215	3,810
Total	26,415	81,990	118,299	143,483	23,755	393,942
Arctic-Yukon-Kuskokwim						
Tanana River Drainage	163	139	0	0	158	460
Interior Alaska	629	566	85	929	1,034	3,243
Seward Peninsula-	303	742	0	7,399	546	8,990
Norton Sound						
Northwest Alaska	0	0	0	0	254	254
South Slope Brooks Range	0	0	0	0	0	0
North Slope Brooks Range	0	0	0	0	0	0
Total	1,095	1,447	85	8,328	1,992	12,947
Alaska Total	44,149	131,945	124,274	194,817	30,178	525,363

Table 8. Alaska Sport Landlocked Salmon Harvests by Region, Area, and Species, 1977 and 1978.

Area Fished	Landlocked Coho Salmon 1977	Landlocked Coho Salmon 1978	Kokanee Salmon 1977	Kokanee Salmon 1978
Southeast				
Ketchikan	0	0	393	52
Prince of Wales Island	0	0	0	0
Petersburg-Wrangell	0	0	0	0
Sitka	0	0	0	0
Juneau	0	0	181	102
Haines-Skagway	0	0	0	64
Glacier Bay	0	0	0	0
Yakutat	0	0	0	0
Total	0	0	574	218
Southcentral				
Glennallen	1,750	2,819	0	0
Prince William Sound	0	0	0	0
Knik Arm Drainage	26,917	18,884	0	0
Anchorage	129	18	0	0
East Susitna Drainage	512	2,368	0	0
West Cook Inlet-	0	0	0	0
West Susitna Drainage				
Kenai Peninsula	1,615	2,404	2,068	1,702
Kodiak	229	90	0	0
Naknek River Drainage-	0	0	0	0
Alaska Peninsula				
Kvichak River Drainage	0	0	0	0
Nushagak	0	0	0	0
Total	31,152	26,583	2,068	1,702
Arctic-Yukon-Kuskokwim				
Tanana River Drainage	7,151	22,412	0	0
Interior Alaska	0	0	0	0
Seward Peninsula-	0	0	0	0
Norton Sound				
Northwest Alaska	0	0	0	0
South Slope Brooks Range	0	0	0	0
North Slope Brooks Range	0	0	0	0
Total	7,151	22,412	0	0
Alaska Total	38,303	48,995	2,642	1,920

Table 9. Alaska Sport Steelhead Harvests by Region and Area, 1977 and 1978.

Area Fished	Steelhead Trout 1977	Steelhead Trout 1978
Southeast		
Ketchikan	708	496
Prince of Wales Island	357	660
Petersburg-Wrangell	412	236
Sitka	70	36
Juneau	67	45
Haines-Skagway	0	0
Glacier Bay	0	0
Yakutat	136	145
Total	1,750	1,618
Southcentral		
Glenallen	187	45
Prince William Sound	0	0
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	0	0
West Susitna Drainage		
Kenai Peninsula	1,530	2,513
Kodiak	232	162
Naknek River Drainage-	0	0
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	1,949	2,720
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	0	0
Interior Alaska	0	0
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	0	0
Alaska Total	3,699	4,338

Table 10. Alaska Sport Rainbow Trout Harvests by Region and Area,
1977 and 1978.

Area Fished	Rainbow Trout 1977	Rainbow Trout 1978
Southeast		
Ketchikan	2,751	1,980
Prince of Wales Island	1,207	1,608
Petersburg-Wrangell	829	517
Sitka	2,012	1,356
Juneau	704	434
Haines-Skagway	136	280
Glacier Bay	14	0
Yakutat	88	45
Total	7,741	6,220
Southcentral		
Glenallen	2,808	4,366
Prince William Sound	378	136
Knik Arm Drainage	18,615	20,139
Anchorage	17,733	30,463
East Susitna Drainage	5,225	5,930
West Cook Inlet-	8,430	13,018
West Susitna Drainage		
Kenai Peninsula	23,101	25,645
Kodiak	1,472	994
Naknek River Drainage-	906	1,103
Alaska Peninsula		
Kvichak River Drainage	1,092	1,057
Nushagak	594	1,392
Total	80,354	104,243
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	5,992	6,406
Interior Alaska	223	362
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	6,215	6,768
Alaska Total	94,310	117,231

Table 11. Alaska Sport Cutthroat Trout Harvests by Region and Area,
1977 and 1978.

Area Fished	Cutthroat Trout 1977	Cutthroat Trout 1978
Southeast		
Ketchikan	7,908	8,401
Prince of Wales Island	1,699	2,830
Petersburg-Wrangell	5,577	5,214
Sitka	1,896	1,537
Juneau	5,107	3,950
Haines-Skagway	667	1,075
Glacier Bay	319	45
Yakutat	204	136
Total	23,377	23,188
Southcentral		
Glenallen	0	0
Prince William Sound	1,912	957
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	0	0
West Susitna Drainage		
Kenai Peninsula	0	0
Kodiak	0	0
Naknek River Drainage-	0	0
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	1,912	957
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	0	0
Interior Alaska	0	0
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	0	0
Alaska Total	25,289	24,145

Table 12. Alaska Sport Brook Trout Harvests by Region and Area, 1977 and 1978.

Area Fished	Brook Trout 1977	Brook Trout 1978
Southeast		
Ketchikan	238	470
Prince of Wales Island	0	0
Petersburg-Wrangell	0	0
Sitka	198	54
Juneau	289	597
Haines-Skagway	34	570
Glacier Bay	0	0
Yakutat	0	0
Total	759	1,691
Southcentral		
Glenallen	0	0
Prince William Sound	0	0
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	0	0
West Susitna Drainage		
Kenai Peninsula	0	0
Kodiak	0	0
Naknek River Drainage-	0	0
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	0	0
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	0	0
Interior Alaska	0	0
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	0	0
Alaska Total	759	1,691

Table 13. Alaska Sport Lake Trout Harvests by Region and Area,
1977 and 1978.

Area Fished	Lake Trout 1977	Lake Trout 1978
Southeast		
Ketchikan	0	0
Prince of Wales Island	0	0
Petersburg-Wrangell	0	0
Sitka	0	0
Juneau	0	0
Haines-Skagway	0	0
Glacier Bay	0	0
Yakutat	0	0
Total	0	0
Southcentral		
Glenallen	7,699	5,433
Prince William Sound	0	0
Knik Arm Drainage	2,260	507
Anchorage	0	0
East Susitna Drainage	693	877
West Cook Inlet-	278	596
West Susitna Drainage		
Kenai Peninsula	3,678	3,118
Kodiak	0	0
Naknek River Drainage-	368	99
Alaska Peninsula		
Kvichak River Drainage	176	127
Nushagak	48	153
Total	15,200	10,910
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	1,471	603
Interior Alaska	124	172
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	90	9
South Slope Brooks Range	496	307
North Slope Brooks Range	88	9
Total	2,269	1,100
Alaska Total	17,469	12,010

Table 14. Alaska Sport Dolly Varden/Arctic Char Harvests by Region and Area, 1977 and 1978.

Area Fished	Dolly Varden/ Arctic Char 1977	Dolly Varden/ Arctic Char 1978
Southeast		
Ketchikan	3,539	1,969
Prince of Wales Island	1,345	1,654
Petersburg-Wrangell	3,552	3,470
Sitka	6,290	3,336
Juneau	12,014	13,081
Haines-Skagway	5,962	9,990
Glacier Bay	917	388
Yakutat	1,115	1,031
Total	34,734	34,919
Southcentral		
Glenallen	2,251	904
Prince William Sound	6,302	3,482
Knik Arm Drainage	7,541	7,982
Anchorage	4,040	4,264
East Susitna Drainage	2,726	5,640
West Cook Inlet-	3,098	3,508
West Susitna Drainage		
Kenai Peninsula	36,103	56,580
Kodiak	14,536	15,805
Naknek River Drainage-	1,542	2,070
Alaska Peninsula		
Kvichak River Drainage	516	362
Nushagak	750	1,510
Total	79,405	102,107
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	877	524
Interior Alaska	1,689	1,944
Seward Peninsula-	1,621	1,690
Norton Sound		
Northwest Alaska	469	199
South Slope Brooks Range	11	0
North Slope Brooks Range	241	181
Total	4,908	4,538
Alaska Total	119,047	141,564

Table 15. Alaska Sport Arctic Grayling Harvests by Region and Area,
1977 and 1978.

Area Fished	Arctic Grayling 1977	Arctic Grayling 1978
Southeast		
Ketchikan	591	479
Prince of Wales Island	0	0
Petersburg-Wrangell	0	0
Sitka	17	18
Juneau	108	18
Haines-Skagway	59	154
Glacier Bay	0	0
Yakutat	0	0
Total	775	669
Southcentral		
Glenallen	25,991	26,488
Prince William Sound	0	0
Knik Arm Drainage	3,916	2,413
Anchorage	187	0
East Susitna Drainage	7,469	6,600
West Cook Inlet- West Susitna Drainage	4,414	6,725
Kenai Peninsula	1,587	2,287
Kodiak	54	325
Naknek River Drainage- Alaska Peninsula	808	614
Kvichak River Drainage	826	1,438
Nushagak	496	976
Total	45,748	47,866
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	57,793	83,275
Interior Alaska	4,090	5,053
Seward Peninsula- Norton Sound	1,607	1,455
Northwest Alaska	1,407	1,997
South Slope Brooks Range	1,032	2,106
North Slope Brooks Range	1,239	678
Total	67,168	94,564
Alaska Total	113,691	143,099

Table 16. Alaska Sport Northern Pike Harvests by Region and Area,
1977 and 1978.

Area Fished	Northern Pike 1977	Northern Pike 1978
Southeast		
Ketchikan	0	0
Prince of Wales Island	0	0
Petersburg-Wrangell	0	0
Sitka	0	0
Juneau	0	0
Haines-Skagway	0	0
Glacier Bay	0	0
Yakutat	0	0
Total	0	0
Southcentral		
Glenallen	0	0
Prince William Sound	0	0
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	132	316
West Susitna Drainage		
Kenai Peninsula	0	0
Kodiak	0	0
Naknek River Drainage-	90	99
Alaska Peninsula		
Kvichak River Drainage	46	72
Nushagak	53	280
Total	321	767
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	9,345	7,838
Interior Alaska	1,652	2,667
Seward Peninsula-	302	389
Norton Sound		
Northwest Alaska	147	389
South Slope Brooks Range	215	470
North Slope Brooks Range	0	0
Total	11,661	11,753
Alaska Total	11,982	12,520

Table 17. Alaska Sport Whitefish Harvests by Region and Area, 1977 and 1978.

Area Fished	Whitefish 1977	Whitefish 1978
Southeast		
Ketchikan	0	0
Prince of Wales Island	0	0
Petersburg-Wrangell	0	0
Sitka	0	0
Juneau	0	0
Haines-Skagway	0	0
Glacier Bay	0	0
Yakutat	0	0
Total	0	0
Southcentral		
Glenallen	2,445	3,634
Prince William Sound	85	0
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	0	0
West Susitna Drainage		
Kenai Peninsula	0	560
Kodiak	0	0
Naknek River Drainage-	10	25
Alaska Peninsula		
Kvichak River Drainage	3	0
Nushagak	51	12
Total	2,594	4,231
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	3,378	6,573
Interior Alaska	221	772
Seward Peninsula-	170	87
Norton Sound		
Northwest Alaska	385	50
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	4,154	7,482
Alaska Total	6,748	11,713

Table 18. Alaska Sport Burbot Harvests by Region and Area, 1977 and 1978.

Area Fished	Burbot 1977	Burbot 1978
Southeast		
Ketchikan	0	0
Prince of Wales Island	0	0
Petersburg-Wrangell	0	0
Sitka	0	0
Juneau	0	0
Haines-Skagway	0	0
Glacier Bay	0	0
Yakutat	0	0
Total	0	0
Southcentral		
Glenallen	5,628	7,223
Prince William Sound	0	0
Knik Arm Drainage	290	452
Anchorage	0	0
East Susitna Drainage	619	271
West Cook Inlet-	115	153
West Susitna Drainage		
Kenai Peninsula	0	0
Kodiak	0	0
Naknek River Drainage-	0	0
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	6,652	8,099
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	1,547	1,383
Interior Alaska	226	362
Seward Peninsula-	0	54
Norton Sound		
Northwest Alaska	0	90
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	1,773	1,889
Alaska Total	8,425	9,988

Table 19. Alaska Sport Sheefish Harvests by Region and Area, 1977 and 1978.

Area Fished	Sheefish 1977	Sheefish 1978
Southeast		
Ketchikan	0	0
Prince of Wales Island	0	0
Petersburg-Wrangell	0	0
Sitka	0	0
Juneau	0	0
Haines-Skagway	0	0
Glacier Bay	0	0
Yakutat	0	0
Total	0	0
Southcentral		
Glenallen	0	0
Prince William Sound	0	0
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	0	0
West Susitna Drainage		
Kenai Peninsula	0	0
Kodiak	0	0
Naknek River Drainage-	0	0
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	0	0
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	158	234
Interior Alaska	294	479
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	656	506
South Slope Brooks Range	139	72
North Slope Brooks Range	0	0
Total	1,247	1,291
Alaska Total	1,247	1,291

Table 20. Alaska Sport Halibut Harvests by Region and Area, 1977 and 1978.

Area Fished	Halibut 1977	Halibut 1978
Southeast		
Ketchikan	1,360	751
Prince of Wales Island	277	230
Petersburg-Wrangell	447	1,103
Sitka	992	339
Juneau	1,976	3,066
Haines-Skagway	81	448
Glacier Bay	271	170
Yakutat	428	24
Total	5,832	6,131
Southcentral		
Glenallen	0	0
Prince William Sound	1,247	933
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	0	0
West Susitna Drainage		
Kenai Peninsula	15,171	28,300
Kodiak	994	1,721
Naknek River Drainage-	0	0
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	17,412	30,954
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	0	0
Interior Alaska	0	0
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	0	0
Alaska Total	23,244	37,085

Table 21. Alaska Sport Rockfish Harvests by Region and Area, 1977 and 1978.

Area Fished	Rockfish 1977	Rockfish 1978
Southeast		
Ketchikan	834	6,898
Prince of Wales Island	571	2,504
Petersburg-Wrangell	762	2,106
Sitka	3,635	2,784
Juneau	2,996	2,169
Haines-Skagway	130	362
Glacier Bay	34	63
Yakutat	0	0
Total	8,962	16,886
Southcentral		
Glenallen	0	0
Prince William Sound	4,401	5,035
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	0	0
West Susitna Drainage		
Kenai Peninsula	14,881	22,419
Kodiak	2,810	1,907
Naknek River Drainage-	0	0
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	22,092	29,361
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	0	0
Interior Alaska	0	0
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	0	0
Alaska Total	31,054	46,247

Table 22. Alaska Sport Smelt Harvests by Region and Area, 1977 and 1978.

Area Fished	Smelt 1977	Smelt 1978
Southeast		
Ketchikan	16	0
Prince of Wales Island	0	0
Petersburg-Wrangell	747	2,154
Sitka	44,931	2,784
Juneau	0	0
Haines-Skagway	9,340	3,877
Glacier Bay	0	0
Yakutat	0	0
Total	55,034	8,815
Southcentral		
Glenallen	0	0
Prince William Sound	6,818	1,665
Knik Arm Drainage	0	0
Anchorage	201,209	112,352
East Susitna Drainage	0	0
West Cook Inlet-	0	0
West Susitna Drainage		
Kenai Peninsula	105,597	56,327
Kodiak	5,652	0
Naknek River Drainage-	10,751	5,600
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	5,630	757
Total	335,657	176,701
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	0	0
Interior Alaska	0	0
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	0	0
Alaska Total	390,691	185,516

Table 23. Alaska Sport Razor Clam Harvests by Region and Area, 1977 and 1978.

Area Fished	Razor Clams 1977	Razor Clams 1978
Southeast		
Ketchikan	0	0
Prince of Wales Island	0	0
Petersburg-Wrangell	0	0
Sitka	10,309	9,576
Juneau	0	0
Haines-Skagway	0	0
Glacier Bay	0	0
Yakutat	0	0
Total	10,309	9,576
Southcentral		
Glenallen	0	0
Prince William Sound	28,413	32,665
Knik Arm Drainage	0	0
Anchorage	0	0
East Susitna Drainage	0	0
West Cook Inlet-	44,252	39,175
West Susitna Drainage		
Kenai Peninsula	871,247	896,667
Kodiak	7,474	3,028
Naknek River Drainage-	0	0
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	951,386	971,535
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	0	0
Interior Alaska	0	0
Seward Peninsula-	0	0
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	0	0
Alaska Total	961,695	981,111

Table 24. Alaska Sport Harvests of Other Fish by Region and Area, 1977 and 1978.

Area Fished	Other Fish 1977	Other Fish 1978
Southeast		
Ketchikan	4,721	2,315
Prince of Wales Island	42	45
Petersburg-Wrangell	470	1,700
Sitka	3,358	723
Juneau	1,899	2,124
Haines-Skagway	908	352
Glacier Bay	18	0
Yakutat	40	0
Total	11,456	7,259
Southcentral		
Glenallen	236	27
Prince William Sound	7,841	2,983
Knik Arm Drainage	380	795
Anchorage	1,521	0
East Susitna Drainage	626	153
West Cook Inlet-	563	370
West Susitna Drainage		
Kenai Peninsula	37,989	36,425
Kodiak	5,149	2,775
Naknek River Drainage-	6	696
Alaska Peninsula		
Kvichak River Drainage	0	0
Nushagak	0	0
Total	54,311	44,224
Arctic-Yukon-Kuskokwim		
Tanana River Drainage	732	81
Interior Alaska	317	904
Seward Peninsula-	2,165	308
Norton Sound		
Northwest Alaska	0	0
South Slope Brooks Range	0	0
North Slope Brooks Range	0	0
Total	3,214	1,293
Alaska Total	68,981	52,776

Table 25. Ketchikan* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	KO	PS	CS	H	SH	RT	CT	BT	DV	GR	SH	RF	Other
SALTWATER:																	
Boat - East, West Behm Canals	11,179	1,619	3,155	324	0	3,483	234	436	22	0	86	0	99	0	0	3,471	108
Boat - Clarence Strait	6,225	571	1,546	70	0	1,563	117	97	0	0	0	0	0	0	0	841	344
Boat - Revilla Channel	1,637	151	50	0	0	759	0	49	0	0	0	0	0	0	0	244	0
Boat - Tongass Narrows	4,480	198	654	0	0	1,409	39	97	0	0	0	0	0	0	0	1,474	217
Boat - Yes Bay	668	350	251	0	0	0	59	12	0	0	0	0	45	0	0	27	0
Boat - Bell Island	2,477	699	490	0	0	495	59	24	0	0	0	0	0	0	0	0	136
Boat - Other Areas	4,050	175	440	127	0	511	20	36	108	0	431	0	642	0	0	687	1,492
Shoreline - Other Areas	4,545	82	591	0	0	3,111	0	0	0	0	323	0	163	0	0	154	18
SALTWATER TOTAL	35,261	3,845	7,177	521	0	11,331	528	751	130	0	840	0	949	0	0	6,898	2,315
FRESHWATER:																	
Naha River	1,292	0	314	0	0	310	0	0	151	172	840	0	172	9	0	0	0
Other Streams	2,693	0	176	0	0	77	39	0	129	732	1,896	0	633	145	0	0	0
Other Lakes	3,726	0	0	0	52	0	0	0	86	1,076	4,825	470	215	325	0	0	0
FRESHWATER TOTAL	7,711	0	490	0	52	387	39	0	366	1,980	7,561	470	1,020	479	0	0	0
GRAND TOTAL	42,972	3,845	7,667	521	52	11,718	567	751	496	1,980	8,401	470	1,969	479	0	6,898	2,315

*Ketchikan Area (Area A): All waters from Portland Canal to Ernest Sound, including Duke, Annette, and Gravina Islands and Associated Waters.

Table 26. Prince of Wales Island* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	KO	PS	CS	H	SH	RT	CT	BT	DV	GR	SM	RF	Other
SALTWATER:																	
Boat	9,176	1,794	1,961	211	0	2,585	234	230	90	0	0	0	18	0	0	2,504	45
Shoreline	1,443	23	0	0	0	1,006	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	10,619	1,817	1,961	211	0	3,591	234	230	90	0	0	0	18	0	0	2,504	45
FRESHWATER:																	
Karta River	474	0	113	0	0	139	0	0	45	18	497	0	0	0	0	0	0
Sweetwater - Thorne system	1,723	0	352	0	0	108	78	0	163	334	443	0	1,012	0	0	0	0
Other Streams	2,520	0	251	85	0	155	0	0	362	533	1,076	0	597	0	0	0	0
Other Lakes	1,142	0	0	0	0	0	0	0	0	723	814	0	27	0	0	0	0
FRESHWATER TOTAL	5,859	0	716	85	0	402	78	0	570	1,608	2,830	0	1,636	0	0	0	0
GRAND TOTAL	16,478	1,817	2,677	296	0	3,993	312	230	660	1,608	2,830	0	1,654	0	0	2,504	45

*Prince of Wales Island (Area B): All waters from Cape Chacon Northward to Sumner Strait and from Clarence Strait Westward.

Table 27. Kake, Petersburg, Wrangell, Stikine* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	KO	PS	CS	H	SII	RT	CT	BT	DV	GR	SM	RF	Other
SALTWATER:																	
Boat - Blind Slough Wrangell Narrows	4,157	373	1,207	0	0	31	0	0	0	0	324	0	588	0	0	18	1,474
Boat - Duncan Saltchuck Duncan Canal	452	93	25	0	0	0	0	61	0	0	0	0	54	0	0	0	36
Boat - Other	14,475	1,456	3,306	451	0	882	312	994	0	0	0	0	1,085	0	2,154	2,079	190
Shoreline - Blind Slough	582	12	352	0	0	0	0	0	0	0	129	0	45	0	0	0	0
Shoreline - Other	1,702	175	251	85	0	0	0	48	0	0	0	0	280	0	0	9	0
SALTWATER TOTAL	21,368	2,109	5,141	536	0	913	312	1,103	0	0	453	0	2,052	0	2,154	2,106	1,700
FRESHWATER:																	
Castle River	280	0	226	0	0	0	0	0	22	0	345	0	90	0	0	0	0
Anan Creek	302	0	0	0	0	217	20	0	86	413	410	0	90	0	0	0	0
Petersburg Creek	1,292	0	75	0	0	31	0	0	22	0	646	0	380	0	0	0	0
Other Streams	1,530	0	13	28	0	697	156	0	106	86	2,433	0	759	0	0	0	0
Other Lakes	969	0	38	0	0	0	0	0	0	0	927	0	99	0	0	0	0
FRESHWATER TOTAL	4,373	0	352	28	0	945	176	0	236	517	4,761	0	1,418	0	0	0	0
GRAND TOTAL	25,741	2,109	5,493	564	0	1,858	488	1,103	236	517	5,214	0	3,470	0	2,154	2,106	1,700

*Kake, Petersburg, Wrangell, Stikine Area (Area C): All waters from Ernest Sound to Cape Fanshaw, including Wrangell, Etolin, Zarembo, Mitkof, Kupreanof, and Kuiu Islands.

Table 28. Sitka* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	KO	PS	CS	H	SH	RT	CT	BT	DV	GR	SH	RF	RC	Other
SALTWATER:																		
Boat	20,321	1,841	1,446	268	0	5,434	98	339	0	0	0	0	642	0	1,723	2,766	0	723
Shoreline	7,317	0	742	0	0	4,062	39	0	0	0	0	0	958	0	6,677	18	9,576	0
SALTWATER TOTAL	27,638	1,841	2,188	268	0	9,496	137	339	0	0	0	0	1,600	0	8,400	2,784	9,576	723
FRESHWATER:																		
Plotnikof - Rezanof System	621	0	0	0	0	0	0	0	0	325	0	0	54	0	0	0	0	0
Pavlov Harbor System	243	0	50	0	0	0	0	0	0	0	163	0	154	0	0	0	0	0
Other Streams	2,360	0	0	28	0	766	117	0	36	416	407	0	1,302	0	0	0	0	0
Lake Eva	138	0	0	0	0	0	0	0	0	0	63	0	0	0	0	0	0	0
Other Lakes	1,941	0	126	28	0	50	0	0	0	615	904	54	226	18	0	0	0	0
FRESHWATER TOTAL	5,303	0	176	56	0	816	117	0	36	1,356	1,537	54	1,736	18	0	0	0	0
GRAND TOTAL	32,941	1,841	2,364	324	0	10,312	254	339	36	1,356	1,537	54	3,336	18	8,400	2,784	9,576	723

*Sitka Area (Area D): Baranof and Chichagof Islands and Associated Waters.

Table 29. Juneau* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	KO	PS	CS	II	SH	RT	CT	BT	DV	GR	SM	RF	Other
SALTWATER:																	
Boat - Dotys Cove to Berners Bay and west to Point Retreat	53,548	4,975	20,376	2,085	0	7,012	273	2,642	9	0	54	0	2,441	0	0	1,916	488
Boat - Other	4,459	326	1,420	0	0	542	117	133	0	0	54	0	434	0	0	36	452
Shoreline - Dupont to Echo Cove & Douglas Island	13,441	373	1,936	42	0	1,889	234	291	27	0	208	0	4,222	0	0	217	597
Shoreline - Other	1,120	12	75	0	0	341	20	0	0	0	0	0	461	0	0	0	389
SALTWATER TOTAL	72,568	5,686	23,807	2,127	0	9,784	644	3,066	36	0	316	0	7,558	0	0	2,169	1,926
FRESHWATER:																	
Dupont to Echo Cove & Douglas Island	1,529	0	365	0	0	991	20	0	9	36	181	18	1,120	0	0	0	171
Streams	4,610	0	176	0	0	123	39	0	0	90	1,248	18	3,797	0	0	0	27
Lake Florence	323	0	0	0	0	0	0	0	0	0	579	0	0	0	0	0	0
Turner Lake	775	0	0	0	102	0	0	0	0	0	388	0	0	0	0	0	0
Other Lakes	2,025	0	0	141	0	0	0	0	0	308	1,238	561	606	18	0	0	0
FRESHWATER TOTAL	9,262	0	541	141	102	1,114	59	0	9	434	3,634	597	5,523	18	0	0	198
GRAND TOTAL	81,830	5,686	24,348	2,268	102	10,898	703	3,066	45	434	3,950	597	13,081	18	0	2,169	2,124

*Juneau Area (Area E): All waters from Cape Fanshaw to Point Sherman, including Berners Bay and all of Admiralty Island.

Table 30. Haines-Skagway* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	KO	PS	CS	II	SH	RT	CT	BT	DV	GR	SM	RF	Other
SALTWATER:																	
Boat	5,062	734	603	113	0	124	273	448	0	0	0	0	1,853	0	0	362	334
Shoreline	2,973	35	239	282	0	1,610	215	0	0	0	36	0	922	0	0	0	9
SALTWATER TOTAL	8,035	769	842	395	0	1,734	488	448	0	0	36	0	2,775	0	0	362	343
FRESHWATER:																	
Chilkoot River	3,533	0	603	493	0	697	449	0	0	0	0	0	1,953	0	1,723	0	0
Other Streams	1,465	0	251	0	0	0	390	0	0	0	63	0	2,079	136	2,154	0	0
Chilkoot Lake	2,757	0	189	268	0	604	663	0	0	0	0	0	1,483	0	0	0	0
Other Lakes	2,111	0	13	14	27	0	0	0	0	280	976	570	1,700	18	0	0	9
FRESHWATER TOTAL	9,866	0	1,056	775	27	1,301	1,502	0	0	0	1,039	570	7,215	154	3,877	0	9
GRAND TOTAL	17,901	769	1,898	1,170	27	3,035	1,990	448	0	280	1,075	570	9,990	154	3,877	362	352

*Haines-Skagway Area (Area F): All waters from Point Sherman to the Canadian borders.

Table 31. Glacier Bay* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	KO	PS	CS	II	SII	RT	CT	BT	DV	GR	SH	RF	Other
SALTWATER:																	
Boat	1,357	315	830	141	0	341	117	170	0	0	0	0	180	0	0	63	0
Shoreline	172	0	50	28	0	0	0	0	0	0	27	0	0	0	0	0	0
SALTWATER TOTAL	1,529	315	880	169	0	341	117	170	0	0	27	0	180	0	0	63	0
FRESHWATER:																	
Streams	86	0	0	0	0	0	0	0	0	0	18	0	72	0	0	0	0
Lakes	43	0	0	0	0	0	0	0	0	0	0	0	136	0	0	0	0
FRESHWATER TOTAL	129	0	0	0	0	0	0	0	0	0	18	0	208	0	0	0	0
GRAND TOTAL	1,658	315	880	169	0	341	117	170	0	0	45	0	388	0	0	63	0

*Glacier Bay (Area G): All waters from Cape Fairweather to Icy Strait and Eastward to Point Couverden.

Table 32. Yakutat* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	KO	PS	CS	H	SH	RT	CT	BT	DV	GR	SH	RF	Other
SALTWATER:																	
Boat	646	47	138	0	0	77	0	24	0	0	9	0	45	0	0	0	0
Shoreline	452	0	541	0	0	0	0	0	0	0	0	0	217	0	0	0	0
SALTWATER TOTAL	1,098	47	679	0	0	77	0	24	0	0	9	0	262	0	0	0	0
FRESHWATER:																	
Situk River	4,480	210	1,848	578	0	774	0	0	145	27	0	0	606	0	0	0	0
Other Streams	1,055	0	654	0	0	0	0	0	0	18	127	0	163	0	0	0	0
Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	5,535	210	2,502	578	0	774	0	0	145	45	127	0	769	0	0	0	0
GRAND TOTAL	6,633	257	3,181	578	0	851	0	24	145	45	136	0	1,031	0	0	0	0

*Yakutat Area (Area H): All waters from Cape Suckling to Cape Fairweather.

Table 33. Glennallen* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	LT	SH	DV AC	GR	WF	BB	Other
Gulkana River	6,570	606	0	0	662	0	0	940	18	0	0	7,494	361	9	0
Lake Louise, Lake Susitna, Tyone Lake	13,161	0	0	0	0	0	0	0	2,522	0	0	2,278	672	2,947	0
Van (Silver) Lake	1,335	0	0	1,074	0	0	0	461	0	0	0	0	0	0	0
Paxson Lake Summit Lake	6,117	0	0	0	0	0	0	316	1,085	0	0	1,474	174	307	18
Strelna Lake	495	0	0	1,058	0	0	0	190	0	0	0	0	0	0	0
Sculpin Lake	754	0	0	0	0	0	0	1,790	0	0	0	0	0	0	0
Crosswind Lake	2,800	0	0	0	0	0	0	0	714	0	0	651	2,004	868	0
Other Waters	13,334	35	126	687	944	0	0	669	1,094	45	904	14,591	423	3,092	9
GRAND TOTAL	44,566	641	126	2,819	1,606	0	0	4,366	5,433	45	904	26,488	3,634	7,223	27

*Glennallen (Area I): All waters and drainages of the Oshetna River and the Copper River upstream from a line between the South bank of Haley Creek and the South bank of Canyon Creek in Woods Canyon, and including the Upper Susitna River drainage from its confluence with the Oshetna River.

Table 34. Prince William Sound* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	PS	CS	H	RT	CT	DV AC	WF	SH	RF	RC	Other
Valdez Bay	12,687	58	3,582	78	7,910	1,444	339	0	0	877	0	0	1,103	0	488
Eyak River	2,003	0	704	127	0	0	0	0	90	866	0	0	0	0	0
Eshamy Lake and lagoon	2,305	0	0	2,099	511	0	0	0	334	181	0	0	0	0	0
Coghill River and Lake	1,745	0	0	690	1,223	1,034	0	0	0	389	0	0	0	0	136
Lake Shrode Long Bay	1,314	0	0	1,229	310	0	0	0	0	118	0	0	0	0	0
Pigot River	926	0	0	0	913	234	0	0	0	145	0	0	0	0	0
Others	14,066	35	4,839	352	5,433	273	594	136	533	886	0	1,665	3,932	32,665	2,359
GRAND TOTAL	35,046	93	9,125	4,575	16,300	2,985	933	136	957	3,482	0	1,665	5,035	32,665	2,983

*Prince William Sound (Area J): All waters and drainages from Cape Suckling through Prince William Sound to Cape Puget, including that portion of the Copper River drainage downstream of a line between the South bank of Haley Creek and the South bank of Canyon Creek in Woods Canyon.

Table 35. Knik Arm Drainage* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	DV AC	LT	GR	BB	Other
Little Susitna River	12,127	93	4,865	0	859	1,517	956	886	570	0	54	9	759
Wasilla Creek (Rabbit Slough)	3,446	47	2,112	0	0	279	59	45	325	0	0	0	0
Finger Lake	11,502	0	0	8,588	0	0	0	0	0	0	0	0	0
Kepler Lake Complex	5,730	0	0	298	0	0	0	5,180	0	0	985	0	0
Lucille Lake	4,803	0	0	4,963	0	0	0	0	0	0	0	0	0
Big Lake	9,865	0	0	226	0	0	0	4,845	5,433	0	0	18	0
Nancy Lake Recreation Area, including Nancy Lake	7,647	0	0	262	14	0	0	1,853	18	127	0	145	0
Others	20,420	0	918	4,547	366	46	117	10,330	1,636	380	1,374	280	36
GRAND TOTAL	75,540	140	7,895	18,884	1,239	1,842	1,132	23,139	7,982	507	2,413	452	795

*Knik Arm Drainage (Area K): All waters inside the area bounded by the Little Susitna River on the North and West and the Knik Arm on the South, including all drainages of the Matanuska and Knik Rivers. (Boundary streams included in the area).

Table 36. Anchorage* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	SS	LL	RT	DV AC	GR	KS	RS	PS	CS	SH	Other
Jewel Lake	4,157	0	0	4,523	0	0	0	0	0	0	0	0
Campbell Point Lake	1,077	0	0	1,034	0	0	0	0	0	0	0	0
Sand Lake	1,702	0	0	1,960	0	0	0	0	0	0	0	0
Lower Fire Lake	1,508	0	0	2,111	0	0	0	0	0	0	0	0
Mirror Lake	495	0	0	215	0	0	0	0	0	0	0	0
Otter Lake	2,046	0	0	5,385	43	0	0	0	0	0	0	0
Clunie Lake	1,809	0	0	4,696	0	0	0	0	0	0	0	0
Gwen Lake	302	0	0	452	0	0	0	0	0	0	0	0
Sixmile Lake	969	0	18	344	0	0	0	0	0	0	0	0
Green Lake	1,766	0	0	2,348	0	0	0	0	0	0	0	0
Hillberg Lake	1,680	0	0	1,486	0	0	0	0	0	0	0	0
Ship Creek	1,551	151	0	711	689	0	0	0	93	0	0	0
Eagle River	646	0	0	0	1,357	0	0	0	0	0	0	0
Bird Creek	1,896	151	0	0	689	0	0	0	913	0	0	0
Twentymile River	2,736	289	0	0	1,055	0	0	14	31	20	76,380	0
Others	6,807	201	0	5,198	431	0	0	0	139	0	35,972	0
GRAND TOTAL	31,147	792	18	30,463	4,264	0	0	14	1,176	20	112,352	0

*Anchorage Area (Area L): All waters inside the area bounded by the Eklutna River on the North, Knik Arm on the West, Turnagain Arm to-and including-Portage Creek at Portage on the South, and the Chugach Mountains on the East. (Boundary streams are included in the area).

Table 37. East Side Susitna Drainage* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	DV AC	LT	GR	BB	Other
Willow Creek	22,682	47	905	0	56	18,901	2,458	913	280	0	208	9	27
Montana Creek	25,762	408	2,451	0	85	15,619	4,429	1,193	633	0	958	9	27
Clear (Chunilna) Creek	5,040	12	2,200	0	28	2,074	1,912	1,501	1,817	0	859	27	0
Sheep Creek	11,869	256	478	0	14	6,981	1,697	470	108	0	461	18	9
Little Willow Creek	5,687	0	151	0	28	3,142	1,015	334	63	0	334	0	0
Others	14,970	163	2,388	2,368	56	3,994	2,692	1,519	2,739	877	3,770	208	90
GRAND TOTAL	86,010	886	8,573	2,368	267	50,711	14,203	5,930	5,640	877	6,600	271	153

*East Side Susitna Drainage (Area M): All East side drainages of the Susitna River below its confluence with the Oshetna River. Fish taken while fishing from the East bank of the Susitna River are included in this area.

Table 38. West Side Cook Inlet-West Side Susitna River Drainage* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS**	SS	RS	PS	CS	RT	DV AC	LT	GR	NP	BB	Other
Deshka River	9,111	850	1,798	0	697	0	3,634	0	0	579	0	0	72
Lake Creek	8,767	326	2,212	254	2,833	1,015	2,721	154	36	2,115	9	45	18
Alexander Creek	6,914	769	2,401	183	1,146	215	2,640	136	0	1,871	0	0	181
Talachulitna River	732	12	88	141	31	234	0	235	0	99	0	0	0
Chuit River	1,185	408	277	0	155	0	443	461	0	0	0	0	0
Theodore River	905	58	101	0	449	0	226	353	0	0	0	0	0
Lewis River	172	12	0	0	46	0	54	27	0	0	0	0	0
Other Rivers	6,011	82	3,683	662	898	1,171	1,528	1,220	0	1,953	0	72	63
Shell Lake	302	0	0	28	0	0	27	0	45	0	0	0	0
Whiskey Lake	129	0	0	28	0	0	0	0	0	0	0	0	0
Hewitt Lake	172	0	0	0	0	0	127	0	0	0	0	0	0
Judd Lake	151	0	0	70	0	0	0	371	0	0	0	0	0
Other Lakes	3,420	0	0	268	0	0	1,618	551	515	108	307	36	36
GRAND TOTAL	38,771	2,517	10,560	1,634	6,255	2,635	13,018	3,508	596	6,725	316	153	370

Razor Clams

Total Digging Days: 800

Total Clams Taken: 39,175

*West Side Cook Inlet-West Side Susitna River Drainage (Area N): All West side Susitna River drainages and all West side Cook Inlet waters Southward to Cape Douglas. Fish taken while fishing from the West bank of the Susitna River are included in this area.

**Kings less than 20 inches.

Table 39. Kenai Peninsula* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	KO	PS	CS	H	SH	RT	DV AC	LT	GR	SM	RF	WF	Other
SALTWATER:																		
Deep Creek	34,679	4,800	503	0	1,437	0	588	0	3,648	36	0	325	0	0	0	0	0	1,465
Resurrection Bay	53,355	501	16,731	0	0	0	6,610	39	2,642	0	0	1,248	0	0	33,387	17,438	0	13,786
Kachemak Bay	47,259	315	1,798	0	70	0	6,238	39	20,422	0	0	2,007	0	0	0	2,305	0	8,293
Others	11,869	501	339	0	2,861	0	1,362	0	1,588	0	0	859	0	0	7,108	2,676	0	10,942
SALTWATER TOTAL	147,162	6,117	19,371	0	4,368	0	14,798	78	28,300	36	0	4,439	0	0	40,495	22,419	0	34,486
FRESHWATER:																		
Kenai River	164,264	7,130	10,823	0	33,619	0	26,579	0	0	0	9,272	17,140	524	90	15,832	0	486	1,357
Anchor River	42,671	2,109	1,559	0	0	0	139	0	0	1,754	551	17,357	0	0	0	0	0	151
Ninilchik River	14,173	1,445	88	0	0	0	46	0	0	90	217	1,003	0	0	0	0	0	0
Deep Creek	13,872	804	1,383	0	0	0	294	0	0	371	127	3,046	0	0	0	0	0	0
Stariski Creek	3,662	0	201	0	0	0	15	0	0	262	90	1,012	0	0	0	0	0	0
Russian River	67,237	0	1,446	0	62,447	0	1,300	0	0	0	2,423	2,558	0	18	0	0	0	0
Other Rivers	13,850	251	2,514	0	1,465	0	2,291	351	0	0	1,491	4,475	63	118	32,310	0	12	0
Hidden Lake	4,028	0	0	0	0	1,206	0	0	0	0	1,428	63	850	0	0	0	0	0
Canoe Lake System	6,376	0	0	289	0	0	0	0	0	0	4,393	1,157	0	0	0	0	0	0
Other Lakes	14,453	0	25	2,115	409	496	0	0	0	0	5,198	4,330	1,681	2,061	0	0	62	431
FRESHWATER TOTAL	344,586	11,739	18,039	2,404	97,940	1,702	30,664	351	0	2,477	25,645	52,141	3,118	2,287	48,142	0	560	1,939
Razor Clams between Kasilof & Anchor Point																		
	29,750	Total Digging Days:				29,750	Total Clams Taken:				896,667							
GRAND TOTAL	521,498	17,856	37,410	2,404	102,378	1,702	45,462	429	28,300	2,513	25,645	56,580	3,118	2,287	88,637	22,419	560	36,425

*Kenai Peninsula (Area P): All waters and drainages of the Kenai Peninsula from Cape Puget around to, but excluding, Portage Creek at Portage, including Kalgin Island.

Table 40 . Kodiak* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	H	SH	RT	DV AC	GR	RF	RC	SH	Other
SALTWATER:																
Boat	6,850	0	541	0	338	1,269	39	1,612	0	0	127	0	1,012	0	0	2,341
Shoreline	12,213	12	892	0	141	6,424	585	109	0	0	2,703	0	895	3,028	0	434
SALTWATER TOTAL	19,063	12	1,433	0	479	7,693	624	1,721	0	0	2,830	0	1,907	3,208	0	2,775
FRESHWATER:																
Buskin River	11,072	0	1,018	0	493	4,752	0	0	0	0	8,003	0	0	0	0	0
Pasagshak River	3,403	0	1,043	0	85	1,006	0	0	0	0	443	0	0	0	0	0
Other Waters	10,964	338	1,433	90	719	4,288	663	0	162	994	4,529	325	0	0	0	0
FRESHWATER TOTAL	25,439	338	3,494	90	1,297	10,046	663	0	162	994	12,975	325	0	0	0	0
GRAND TOTAL	44,502	350	4,927	90	1,776	17,739	1,287	1,721	162	994	15,805	325	1,907	3,028	0	2,775

*Kodiak Area (Area Q): All waters and drainages of the Kodiak and Afognak Island groups.

Table 41. Naknek Drainages-Alaska Peninsula* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SH	Other
Naknek River	5,600	2,628	646	345	1,723	302	371	127	27	398	18	25	0	1,077	0
Naknek Lake	646	0	0	42	0	0	63	36	0	0	9	0	0	0	0
Brooks River	1,464	0	0	113	0	0	181	90	9	63	0	0	0	0	0
Ugashik System	2,477	0	163	127	356	20	0	389	45	72	0	0	0	0	0
Becharof System	883	0	0	56	77	78	0	289	0	81	0	0	0	0	0
Others	7,754	221	1,068	211	635	293	488	1,139	18	0	72	0	0	4,523	696
GRAND TOTAL	18,824	2,849	1,877	894	2,791	693	1,103	2,070	99	614	99	25	0	5,600	696

*Naknek Drainages-Alaska Peninsula (Area R): All waters and drainages between Cape Douglas and the community of Naknek, including the Naknek River drainage and the Aleutian Island chain.

Table 42. Kvichak River Drainages* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SH	Other
Kvichak River	948	210	38	380	0	0	226	154	0	579	0	0	0	0	0
Lower Talarik Creek	646	0	0	0	0	0	81	9	0	36	0	0	0	0	0
Copper River	1,120	0	0	183	31	0	325	9	0	0	0	0	0	0	0
Gibraltar River	646	0	0	113	0	0	127	0	0	0	0	0	0	0	0
Newhalen River	1,572	0	0	1,479	0	0	190	163	0	172	18	0	0	0	0
Lake Clark Area	2,910	0	0	648	0	117	0	9	118	606	54	0	0	0	0
Others	1,012	12	38	254	0	39	108	18	9	45	0	0	0	0	0
GRAND TOTAL	8,854	222	76	3,057	31	156	1,057	362	127	1,438	72	0	0	0	0

*Kvichak River Drainages (Area S): All Lakes and tributaries of the Kvichak River drainage, including Nonvianuk Lake, Kukaklek Lake, Kulik Lake, Lake Iliamna and Lake Clark.

Table 43. Nushagak* Area Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SM	Other
Nushagak River System	1,206	151	126	310	836	117	108	45	0	72	63	0	0	757	0
Mulchatna River System	1,486	291	113	56	0	0	497	217	0	443	0	0	0	0	0
Wood River Lakes System	2,843	0	25	211	31	0	217	905	0	199	18	0	0	0	0
Tikchik-Nuyakuk Lake System	1,465	0	151	99	232	39	145	217	45	199	199	0	0	0	0
Togiak River System	539	35	214	183	0	59	54	72	0	18	0	0	0	0	0
Others	1,120	384	0	70	77	0	371	54	108	45	0	12	0	0	0
GRAND TOTAL	8,659	861	629	929	1,176	215	1,392	1,510	153	976	280	12	0	757	0

*Nushagak Area (Area T): All lakes and tributaries of the Nushagak River drainage, including the Mulchatna River drainage, the Wood River and Tikchik Lake systems, and waters westward to Cape Newenham.

Table 44 Tanana River Drainage* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SF	Other
Chena River																
Badger Slough	38,341	23	0	0	0	0	20	0	0	0	33,330	452	187	389	18	9
Chatanika River	10,835	35	0	0	0	0	20	0	0	0	9,284	407	6,013	18	54	0
Salcha River	9,715	105	0	0	0	0	59	0	0	0	9,067	0	137	0	0	0
Delta Clearwater River	7,210	0	126	0	0	0	59	0	0	0	7,657	0	0	0	0	0
Birch Lake	8,982	0	0	6,354	0	0	0	5,126	0	0	0	0	0	0	0	0
Quartz Lake	6,845	0	0	14,892	0	0	0	512	0	0	0	0	0	0	0	0
George Lake	1,271	0	0	0	0	0	0	0	0	0	27	1,392	0	0	0	0
Minto Flats	3,640	0	0	0	0	0	0	0	0	0	189	3,300	62	72	90	0
Tangle Lakes	7,711	0	0	0	0	0	0	0	0	416	5,786	0	137	72	0	0
Others	24,814	0	13	1,166	0	0	0	768	524	187	17,935	2,287	37	832	72	72
GRAND TOTAL	119,364	163	139	22,412	0	0	158	6,406	524	603	83,275	7,838	6,573	1,383	234	81

*Tanana River Drainages (Area U): All water within the watershed of the Tanana River upstream from its confluence with the Yukon River.

Table 45. Interior Alaska* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SF	Other
TOTAL	8,616	629	566	0	85	929	1,034	362	1,944	172	5,053	2,667	772	362	479	904

*Interior Alaska (Area V): All waters of the Yukon and Kuskokwim drainages South of the Arctic Circle and excluding the Tanana drainages, also to include water flowing into Kuskokwim Bay.

Table 46. Seward Peninsula-Norton Sound* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SF	Other
TOTAL	8,379	303	742	0	0	7,399	546	0	1,690	0	1,455	389	87	54	0	308

*Seward Peninsula-Norton Sound (Area W): The area North of the Yukon River drainage and South of the Selawick River-Kotzebue Sound area, not to include the Koyukuk River.

Table 47. Northwest Alaska* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SF	Other
Noatak River	948	0	0	0	0	0	0	0	163	0	642	172	0	0	0	0
Kobuk River	1,249	0	0	0	0	0	254	0	36	0	289	36	0	0	307	0
Others	2,800	0	0	0	0	0	0	0	0	9	1,066	181	50	90	199	0
GRAND TOTAL	4,997	0	0	0	0	0	254	0	199	9	1,997	389	50	90	506	0

*Northwest Alaska (Area X): Kotzebue area, to include drainages of Selawick, Kobuk, Noatak, Wulik and Kivalina Rivers.

Table 48. South Slope Brooks Range* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SF	Other
TOTAL	2,714	0	0	0	0	0	0	0	0	307	2,106	470	0	0	72	0

*South Slope Brooks Range (Area Y): All drainages from, and including, the Alatna River on the West, to the Canadian border on the East, and from the Brooks Range South to the Arctic Circle.

Table 49. North Slope Brooks Range* Sport Fish Harvests and Effort by Fishery and Species, 1978.

	Days Fished	KS	SS	LL	RS	PS	CS	RT	DV AC	LT	GR	NP	WF	BB	SF	Other
TOTAL	1,422	0	0	0	0	0	0	0	181	9	678	0	0	0	0	0

*North Slope Brooks Range (Area Z): All waters North of the Brooks Range and flowing into the Beaufort and Chukchi Seas and ending at, but excluding, Point Hope.

Table 50. Comparison of 1978 Alaska Sport Fish Survey and Creel Census Harvests.

Fishery	Creel Census	Harvest Survey
<u>Juneau Marine</u>		
Chinook salmon	3,020	4,975
Coho salmon	16,697	20,376
Sockeye salmon	2,265	2,085
Pink salmon	6,219	7,012
Chum salmon	262	273
<u>Gulkana River</u>		
Chinook salmon	429	606
Sockeye salmon	392	662
<u>Valdez Bay</u>		
Coho salmon	1,967	3,582
Pink salmon	7,492	7,910
Chum salmon	1,239	1,444
<u>Willow Creek</u>		
Coho salmon	1,227	905
Pink salmon	20,117	18,901
Chum salmon	2,662	2,458
<u>Deshka River</u>		
Coho salmon	1,513	1,798
<u>Deep Creek Marine</u>		
Chinook salmon	5,362	4,800
<u>Resurrection Bay</u>		
Chinook salmon	610	501
Coho salmon	15,550	16,731
Pink salmon	3,367	6,610
<u>Kachemak Bay</u>		
Chinook salmon	321	315
Coho salmon	1,995	1,798
Pink salmon	1,700	6,238
Chum salmon	21	39

Table 50. (cont.) Comparison of 1978 Alaska Sport Fish Survey
and Creel Census Harvests.

Fishery	Creel Census	Harvest Survey
Halibut	23,202	20,422
Dolly Varden	1,258	2,007
<u>Kenai River</u>		
Chinook salmon	7,120	7,130
Coho salmon	11,585	10,823
<u>Anchor River</u>		
Coho salmon	1,433	1,559
Pink salmon	151	139
Steelhead	1,462	1,754
Rainbow trout	179	551
Dolly Varden	21,141	17,357
<u>Russian River</u>		
Sockeye salmon	62,255	62,447
<u>Cook Inlet Beach between Kasilof and Anchor Point</u>		
Razor clams	886,050	896,667
<u>Naknek River</u>		
Chinook salmon	2,406	2,628
<u>Chatanika River</u>		
Whitefish	6,000	6,013
<u>Delta Clearwater River</u>		
Arctic grayling	7,638	7,657
<u>Quartz Lake</u>		
Landlocked coho salmon	16,440	14,892
Rainbow trout	567	512

Table 51. Number of Households Responding to the 1978 Alaska Sport Fish Harvest Surveys by Fishery.

Fishery	Number of Respondents
Area A. Ketchikan	
SALTWATER:	
Boat - East, West Behm Canals	60
Boat - Clarence Strait	46
Boat - Revilla Channel	19
Boat - Tongass Narrows	43
Boat - Bell Island	26
Boat - Other Areas	32
Shoreline - Other Areas	27
FRESHWATER:	
Naha River	13
Other Streams	21
Other Lakes	29
Area B. Prince of Wales Island	
SALTWATER:	
Boat	26
Shoreline	4
FRESHWATER:	
Karta River	6
Sweetwater - Thorne System (Stream, Lake)	11
Other Streams	12
Other Lakes	11
AREA C. Kake, Petersburg, Wrangell, Stikine Area	
SALTWATER:	
Boat - Blind Slough, Wrangell Narrows	23
Boat - Other	40
Shoreline - Blind Slough	7
Shoreline - Other	10

Table 51. (cont.) Number of Households Responding to the 1978
Alaska Sport Fish Harvest Surveys by Fishery.

Fishery	Number of Respondents
FRESHWATER:	
Castle River	4
Anan Creek	5
Petersburg Creek	8
Other Streams	9
Lakes	9
Area D. Sitka	
SALTWATER:	
Boat	72
Shoreline	31
FRESHWATER:	
Plotnikof - Rezanof System (Lake, Stream)	7
Other Streams	20
Lakes	17
Area E. Juneau	
SALTWATER:	
Boat - Doty's Cove to Berners Bay and West to Point Retreat	177
Boat - Other	25
Shoreline - Dupont to Echo Cove and Douglas Island	59
Shoreline - Other	11
FRESHWATER:	
Dupont to Echo Cove and Douglas Island	11
Streams	28
Lake Florence	7
Turner Lake	7
Other Lakes	21

Table 51. (cont.) Number of Households Responding to the 1978
Alaska Sport Fish Harvest Surveys by Fishery.

Fishery	Number of Respondents
Area F. Haines-Skagway Area	
SALTWATER:	
Boat	19
Shoreline	22
FRESHWATER:	
Chilkoot River	25
Other Streams	15
Chilkoot Lake	16
Other Lakes	14
Area G. Glacier Bay	
SALTWATER:	
Boat	14
Shoreline	5
FRESHWATER:	
Streams	1
Lakes	1
Area H. Yakutat	
SALTWATER:	
Boat	3
Shoreline	7
FRESHWATER:	
Situk River	26
Other	12
Area I. Glennallen	
Gulkana River	135

Table 51. (cont.) Number of Households Responding to the 1978
Alaska Sport Fish Harvest Surveys by Fishery.

Fishery	Number of Respondents
Lake Louise, Lake Susitna, Tyone Lake	115
Van (Silver) Lake	18
Paxson Lake, Summit Lake	82
Strelna Lake	13
Sculpin Lake	11
Crosswind Lake	14
Hudson Lake	4
Other Waters	130
Area J. Prince William Sound	
Valdez Bay	110
Eyak River	18
Eshamy Lake and Lagoon, Coghill River and Lake	25
Lake Shrode, Long Bay	24
Pigot River	14
Others	90
Area K. Knik Arm Drainage	
Little Susitna River	150
Wasilla Creek (Rabbit Slough)	41
Finger Lake	98
Kepler Lake Complex	60
Lucille Lake	43
Big Lake	86
Nancy Lake Recreation Area, Including Nancy Lake	93
Others	132
Area L. Anchorage	
Jewel Lake	42
Campbell Point Lake	12
Sand Lake	11
Lower Fire Lake	18
Mirror Lake	8
Otter Lake	25
Clunie Lake	32
Gwen Lake	5

Table 51. (cont.) Number of Households Responding to the 1978
Alaska Sport Fish Harvest Surveys by Fishery.

Fishery	Number of Respondents
Sixmile Lake	14
Green Lake	23
Hillberg Lake	17
Ship Creek	21
Eagle River	10
Bird Creek	32
Twentymile River	51
Others	33
Area M. East Side Susitna Drainage	
Willow Creek	231
Montana Creek	269
Clear (Chunilna) Creek	33
Sheep Creek	126
Little Willow Creek	77
Others	122
Area N. West Side Cook Inlet - West Side Susitna River Drainages	
Deshka River (Kroto Creek)	69
Lake Creek	86
Alexander Creek	78
Talachulitna River	12
Chuit River	12
Theodore River	14
Other Rivers	66
Lakes	45
Area P. Kenai Peninsula	
SALTWATER:	
Deep Creek	261
Resurrection Bay	320
Kachemak Bay	307
Others	80
FRESHWATER:	
Kenai River	793
Anchor River	342
Ninilchik River	158
Deep Creek	159
Stariski Creek	27

Table 51. (cont.) Number of Households Responding to the 1978
Alaska Sport Fish Harvest Surveys by Fishery.

Fishery	Number of Respondents
Russian River	610
Other Rivers	125
Hidden Lake	65
Canoe Lake System	70
Other Lakes	148
Razor Clams between Kasilof and Anchor Point	270
Area Q. Kodiak	
SALTWATER:	
Boat	42
Shoreline	61
FRESHWATER:	
Buskin River	58
Pasagshak River	39
Other Waters	72
Area R. Naknek Drainages- Alaska Peninsula	
Naknek River	32
Naknek Lake	6
Brooks River	19
Ugashik System	14
Becharof System	4
Others	27
Area S. Kvichak River Drainages	
Kvichak River	15
Lower Talarik Creek	9
Copper River	20
Gibraltar River	10
Newhalen River	25
Lake Clark Area	17
Others	18

Table 51. (cont.) Number of Households Responding to the 1978
Alaska Sport Fish Harvest Surveys by Fishery.

Fishery	Number of Respondents
Area T. Nushagak Area	
Nushagak River System	12
Mulchatna River System	19
Wood River Lakes System	17
Tikchik-Huyakuk Lake System	11
Togiak River System	5
Others	7
Area U. Tanana River Drainages	
Chena River, Badger Slough	165
Chatanika River	123
Salcha River	86
Delta Clearwater River	52
Birch Lake	60
Quartz Lake	52
George Lake	10
Minto Flats	46
Tangle Lakes	88
Others	129
Area V. Interior Alaska	86
Area W. Seward Peninsula - Norton Sound	61
Area X. Northwest Alaska	35
Area Y. South Slope Brooks Range	19
Area Z. North Slope Brooks Range	19

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